

# Quick Printing: 2002

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## 2002 Economic Census

*Manufacturing*

Industry Series



U S C E N S U S B U R E A U

*Helping You Make Informed Decisions*

U.S. Department of Commerce  
Economics and Statistics Administration  
U.S. CENSUS BUREAU



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-- Not applicable for this report.

# Table 1. Historical Statistics for the Industry: 2002 and Earlier Years

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry and year <sup>1</sup>	Com- panies <sup>2</sup>	All estab- lish- ments <sup>3</sup>	All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expendi- tures (\$1,000)
			Number <sup>4</sup>	Payroll (\$1,000)	Number <sup>4</sup>	Hours (1,000)	Wages (\$1,000)				
323114, Quick printing ..... 2002..	7 514	7 694	43 924	1 312 019	29 219	50 293	771 170	3 205 259	1 287 325	4 492 550	151 637
2001..	N	N	49 215	1 321 514	32 089	61 240	777 952	2 883 942	1 308 854	4 201 964	176 068
2000..	N	N	53 290	1 419 456	35 527	63 058	855 447	3 086 074	1 363 411	4 446 309	220 227
1999..	N	N	56 264	1 429 309	37 840	67 705	875 448	3 213 315	1 466 484	4 675 388	228 641
1998..	N	N	52 954	1 299 726	36 454	66 131	790 019	2 700 914	1 496 110	4 200 332	165 665
1997..	7 990	8 259	52 069	1 248 931	36 484	59 090	765 602	2 674 764	1 474 788	4 147 172	191 322

<sup>1</sup>Statistics presented for years ending in 2 and 7 are census data. Interim census years are derived in a representative sample of manufacturing establishments canvassed in the Annual Survey of Manufactures (ASM).

<sup>2</sup>For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.

<sup>3</sup>Includes establishments with payroll at any time during the year.

<sup>4</sup>Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain sampling errors and nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

**Table 2. Industry Statistics for Selected States: 2002**

[States that are a disclosure or with less than 100 employees are not shown. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For information on geographic areas followed by \*, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

Industry and geographic area	E <sup>1</sup>	All establishments <sup>2</sup>		All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
		Total	With 20 employees or more	Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>3</sup>	Hours (1,000)	Wages (\$1,000)				
323114, Quick printing												
United States .....	3	7 694	331	43 924	1 312 019	29 219	50 293	771 170	3 205 259	1 287 325	4 492 550	'151 637
Arkansas .....	4	57	1	196	5 278	126	202	2 923	12 112	7 495	19 592	'341
California .....	1	1 036	47	7 421	229 414	4 937	8 293	133 011	798 952	326 120	1 123 335	'28 257
Connecticut .....	2	126	7	1 350	55 398	815	1 560	25 485	113 227	31 953	145 188	'3 860
Florida .....	4	600	18	2 723	75 111	1 804	3 056	44 803	170 316	64 752	235 121	'6 228
Georgia .....	4	219	8	1 163	32 598	744	1 254	19 228	73 600	28 838	102 395	'2 847
Illinois .....	4	428	21	2 428	71 612	1 682	2 899	42 710	148 505	65 241	214 963	'8 484
Indiana .....	3	137	5	809	20 572	546	896	12 529	41 285	15 417	56 719	'1 404
Iowa .....	2	71	3	549	12 639	344	502	7 376	29 845	11 202	41 017	'1 090
Kansas .....	3	73	3	348	10 058	238	404	6 109	20 421	9 271	29 694	'1 151
Kentucky .....	4	78	3	358	10 409	238	408	6 573	22 644	8 270	30 914	'884
Louisiana .....	6	85	1	333	9 301	234	386	5 570	20 840	8 135	28 979	'1 106
Maine .....	4	44	—	160	4 633	106	184	2 770	10 014	3 743	13 744	'570
Maryland .....	3	123	7	694	21 708	438	789	12 540	48 530	17 988	66 531	'2 302
Michigan .....	3	277	16	1 469	43 670	949	1 658	25 879	109 271	38 478	147 825	'4 672
Minnesota .....	2	172	9	974	28 253	684	1 182	17 612	65 136	35 270	100 085	'6 474
Mississippi .....	3	47	4	243	6 176	157	249	3 718	14 214	5 448	19 650	'877
Missouri .....	1	142	7	1 408	43 931	951	1 833	25 690	104 955	24 827	130 025	'8 603
Nebraska .....	5	54	—	209	5 858	139	225	3 431	12 859	5 445	18 266	'740
Nevada .....	6	41	1	178	5 363	120	212	3 058	11 886	4 670	16 572	'459
New Hampshire .....	5	43	1	183	4 569	120	181	2 720	10 282	4 282	14 558	'270
New Jersey .....	3	275	20	1 966	68 641	1 297	2 367	42 069	153 601	61 773	216 361	'10 239
New Mexico .....	2	32	2	181	4 878	142	247	3 561	13 494	3 417	16 912	'471
New York .....	3	437	21	2 253	73 375	1 497	2 707	43 874	154 856	88 308	243 220	'6 884
North Carolina .....	4	185	5	1 013	29 468	680	1 184	17 675	68 155	25 121	93 231	'4 211
Ohio .....	4	303	13	1 355	38 180	815	1 398	20 944	84 950	34 412	119 534	'2 954
Oklahoma .....	5	74	1	301	8 535	189	322	4 862	18 046	8 074	26 096	'522
Pennsylvania .....	4	283	20	1 767	50 029	1 192	2 062	29 444	109 163	46 141	155 304	'8 177
Rhode Island .....	5	40	1	177	6 419	115	220	3 587	13 736	4 783	18 507	'613
South Carolina .....	4	92	1	377	9 849	241	381	5 697	20 371	9 419	29 780	'588
Texas .....	4	503	23	2 595	74 882	1 720	3 008	44 282	174 581	64 627	238 857	'5 749
Utah .....	2	47	1	224	5 395	165	223	3 461	14 932	6 350	21 260	'282
Virginia .....	3	169	5	990	28 531	656	1 156	17 093	64 538	23 394	87 803	'3 157
Washington .....	4	156	5	723	20 104	476	791	12 195	47 859	16 379	64 224	'1 939
Wisconsin .....	2	170	10	1 083	30 698	716	1 196	17 461	64 330	26 590	90 903	'3 376

<sup>1</sup>Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data account for 10 percent or more of the figures shown: 1–10 to 19 percent; 2–20 to 29 percent; 3–30 to 39 percent; 4–40 to 49 percent; 5–50 to 59 percent; 6–60 to 69 percent; 7–70 to 79 percent; 8–80 to 89 percent; 9–90 percent or more.

<sup>2</sup>Includes establishments with payroll at any time during the year.

<sup>3</sup>Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C. For geographical definitions, see Appendix D.

# Table 3. Detailed Statistics by Industry: 2002

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Item	Value
323114, Quick printing	
Companies <sup>1</sup> .....	number.. 7 514
All establishments <sup>2</sup> .....	number.. 7 694
Establishments with 1 to 19 employees .....	number.. 7 363
Establishments with 20 to 99 employees .....	number.. 317
Establishments with 100 employees or more .....	number.. 14
All employees <sup>3</sup> .....	number.. 43 924
Total compensation .....	\$1,000.. 1 528 452
Annual payroll .....	\$1,000.. 1 312 019
Total fringe benefits .....	\$1,000.. 216 433
Production workers, average for year .....	number.. 29 219
Production workers on March 12 .....	number.. 29 260
Production workers on May 12 .....	number.. 29 226
Production workers on August 12 .....	number.. 29 215
Production workers on November 12 .....	number.. 29 098
Production worker hours .....	\$1,000.. 50 293
Production worker wages .....	\$1,000.. 771 170
Total cost of materials .....	\$1,000.. 1 287 325
Materials, parts, containers, packaging, etc., used .....	\$1,000.. 969 412
Resales .....	\$1,000.. 156 810
Purchased fuels .....	\$1,000.. 6 795
Purchased electricity .....	\$1,000.. 26 524
Contract work .....	\$1,000.. 127 784
Quantity of electricity purchased for heat and power .....	1,000 kWh.. 390 283
Quantity of electricity generated less sold for heat and power .....	1,000 kWh.. -
Total value of shipments .....	\$1,000.. 4 492 550
Primary products value of shipments .....	\$1,000.. 3 369 231
Secondary products value of shipments .....	\$1,000.. 669 438
Total miscellaneous receipts .....	\$1,000.. 453 881
Value of resales .....	\$1,000.. 228 093
Contract receipts .....	\$1,000.. -
Other miscellaneous receipts .....	\$1,000.. 225 788
Primary products specialization ratio .....	percent.. 83
Value of primary products shipments made in all industries .....	\$1,000.. 3 743 918
Value of primary products shipments made in this industry .....	\$1,000.. 3 369 231
Value of primary products shipments made in other industries .....	\$1,000.. 374 687
Coverage ratio .....	percent.. 90
Value added .....	\$1,000.. 3 205 259
Total inventories, beginning of year .....	\$1,000.. 152 411
Finished goods inventories .....	\$1,000.. 29 591
Work-in-process inventories .....	\$1,000.. 37 207
Materials and supplies inventories .....	\$1,000.. 85 613
Total inventories, end of year .....	\$1,000.. 151 746
Finished goods inventories .....	\$1,000.. 29 244
Work-in-process inventories .....	\$1,000.. 37 588
Materials and supplies inventories .....	\$1,000.. 84 914
Gross value of depreciable assets (acquisition costs) at beginning of year .....	\$1,000.. '1 504 866
Total capital expenditures (new and used) .....	\$1,000.. '151 637
Buildings and other structures (new and used) .....	\$1,000.. '12 369
Machinery and equipment (new and used) .....	\$1,000.. '139 268
Automobiles, trucks, etc., for highway use .....	\$1,000.. '6 055
Computers and peripheral data processing equipment .....	\$1,000.. '17 786
All other expenditures for machinery and equipment .....	\$1,000.. '115 427
Total retirements .....	\$1,000.. '101 073
Gross value of depreciable assets at end of year .....	\$1,000.. '1 555 430
Depreciation charges during year .....	\$1,000.. '123 731
Total rental payments .....	\$1,000.. 190 565
Buildings and other structures .....	\$1,000.. 92 339
Machinery and equipment .....	\$1,000.. 98 226
Total other expenses <sup>4</sup> .....	\$1,000.. 262 523
Response coverage ratio <sup>5</sup> .....	percent.. 59
Repair and maintenance services of buildings and/or machinery <sup>4</sup> .....	\$1,000.. 39 788
Communications services <sup>4</sup> .....	\$1,000.. 12 602
Legal services <sup>4</sup> .....	\$1,000.. 1 233
Accounting, auditing, and bookkeeping services <sup>4</sup> .....	\$1,000.. 5 982
Advertising and promotional services <sup>4</sup> .....	\$1,000.. 12 848
Expensed computer hardware and supplies and purchased computer services <sup>4</sup> .....	\$1,000.. 3 949
Refuse removal (including hazardous waste) services <sup>4</sup> .....	\$1,000.. 2 098
Management consulting and administrative services <sup>4</sup> .....	\$1,000.. 2 442
Taxes and license fees <sup>4</sup> .....	\$1,000.. 15 620
All other expenses <sup>4</sup> .....	\$1,000.. 165 961

<sup>1</sup>For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.

<sup>2</sup>Includes establishments with payroll at any time during the year.

<sup>3</sup>Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

<sup>4</sup>Based on Annual Survey of Manufactures (ASM) sample data.

<sup>5</sup>A response coverage ratio is derived for this item by calculating the ratio of the weighted employment (establishment data multiplied by sample weight) for those Annual Survey of Manufactures (ASM) establishments that reported to the weighted total employment for all ASM establishments classified in this industry.

Note 1: The amounts shown for other expenses reflect only those services that establishments purchase from other companies.

Note 2: The data in this table are based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain sampling errors and nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

**Table 4. Industry Statistics by Employment Size: 2002**

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Employment size class	E <sup>1</sup>	All establishments <sup>2</sup>	All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Number <sup>3</sup>	Payroll (\$1,000)	Number <sup>3</sup>	Hours (1,000)	Wages (\$1,000)				
323114, Quick printing											
All establishments .....	3	7 694	43 924	1 312 019	29 219	50 293	771 170	3 205 259	1 287 325	4 492 550	'151 637
Establishments with—											
1 to 4 employees .....	8	5 298	9 930	298 227	6 925	11 763	177 287	629 931	252 114	882 413	'20 805
5 to 9 employees .....	2	1 365	9 191	254 851	6 052	9 971	154 235	609 046	242 848	850 406	'25 770
10 to 19 employees .....	2	700	9 252	262 269	6 089	10 346	158 634	576 049	239 140	814 147	'38 456
20 to 49 employees .....	2	278	7 761	236 183	5 097	9 412	139 024	537 398	224 001	763 343	'31 616
50 to 99 employees .....	3	39	2 580	79 077	1 675	3 142	43 699	161 731	79 730	241 530	'6 577
100 to 249 employees .....	1	11	g	D	D	D	D	D	D	D	D
250 to 499 employees .....	—	—	—	—	—	—	—	—	—	—	—
500 to 999 employees .....	—	2	g	D	D	D	D	D	D	D	D
1,000 to 2,499 employees .....	—	1	g	D	D	D	D	D	D	D	D
2,500 employees or more .....	—	—	—	—	—	—	—	—	—	—	—
Administrative records <sup>4</sup> .....	9	4 853	9 171	276 072	6 443	10 893	163 756	568 633	227 281	795 941	'17 893

<sup>1</sup>Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data account for 10 percent or more of the figures shown: 1–10 to 19 percent; 2–20 to 29 percent; 3–30 to 39 percent; 4–40 to 49 percent; 5–50 to 59 percent; 6–60 to 69 percent; 7–70 to 79 percent; 8–80 to 89 percent; 9–90 percent or more.

<sup>2</sup>Includes establishments with payroll at any time during the year.

<sup>3</sup>Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

<sup>4</sup>Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. Data are also included in respective size classes shown.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

**Table 5. Industry Statistics by Primary Product Class Specialization: 2002**

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

Industry or product class code	Industry or primary product class	All establishments <sup>1</sup>	All employees		Production workers			Value added (\$1,000)	Total cost of materials (\$1,000)	Total value of shipments (\$1,000)	Total capital expenditures (\$1,000)
			Number <sup>2</sup>	Payroll (\$1,000)	Number <sup>2</sup>	Hours (1,000)	Wages (\$1,000)				
323114	Quick printing .....	7 694	43 924	1 312 019	29 219	50 293	771 170	3 205 259	1 287 325	4 492 550	'151 637
3231140	Quick printing .....	7 694	43 924	1 312 019	29 219	50 293	771 170	3 205 259	1 287 325	4 492 550	'151 637

<sup>1</sup>Includes establishments with payroll at any time during the year.

<sup>2</sup>Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 6a. **Products Statistics: 2002 and 1997**

[Includes quantity and value of products of this industry produced by (1) establishments classified in this industry (primary) and (2) establishments classified in other industries (secondary). Transfers of products of this industry from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Product code	Product	Number of companies with shipments of \$100,000 or more	Quantity of production for all purposes	Product shipments	
				Quantity	Value (\$1,000)
323114	Quick printing .....	2002.. N	X	X	3 743 918
	1997.. N	N	X	X	3 822 265
3231140	Quick printing .....	2002.. N	X	X	3 743 918
	1997.. N	N	X	X	3 822 265
32311401	Quick printing .....	2002.. N	X	X	2 881 241
	1997.. N	N	X	X	2 995 098
3231140100	Quick printing .....	2002.. 2 934	X	X	2 881 241
	1997.. 3 702	N	X	X	2 995 098
3231140Y	Quick printing, nsk, total .....	2002.. N	X	X	862 677
	1997.. N	N	X	X	827 167
3231140YWW	Quick printing, nsk, for nonadministrative-record establishments .....	2002.. N	X	X	104 987
	1997.. N	N	X	X	79 909
3231140YWY	Quick printing, nsk, for administrative-record establishments .....	2002.. N	X	X	757 690
	1997.. N	N	X	X	747 258

Note 1: For some establishments, data have been estimated from central unit values that are based on quantity-value relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: p-10 to 19 percent estimated; q-20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by S.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.



Table 6b. **Product Class Shipments for Selected States: 2002 and 1997**

[Not applicable for this report.]

**Table 7. Materials Consumed by Kind: 2002 and 1997**

[Includes quantity and cost of materials consumed or put into production by establishments classified only in this industry. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

Material code	Material consumed	Quantity	Delivered cost (\$1,000)
323114	Quick printing		
00900001	Total materials .....2002..	X	969 412
	.....1997..	X	1 112 270
32212203	Newsprint .....2002..	X	793
	.....1997..	X	3 150
32212009	Uncoated paper, sheets .....2002..	X	50 427
	.....1997..	X	107 230
32212011	Uncoated paper, rolls .....2002..	X	2 494
	.....1997..	X	10 887
32200011	Coated paper, sheets .....2002..	X	12 669
	.....1997..	X	24 454
32200013	Coated paper, rolls .....2002..	X	792
	.....1997..	X	1 951
32222200	Pressure-sensitive base stock, self-adhesive (paper, film, foil, etc.).....2002..	X	2 812
	.....1997..	X	7 439
31500000	Garments, purchased to be printed and resold .....2002..	X	12
	.....1997..	X	N
32591002	Printing inks .....2002..	X	5 363
	.....1997..	X	N
32599203	Light sensitive films and papers .....2002..	X	936
	.....1997..	X	3 211
32599201	Unexposed photosensitive printing plates .....2002..	X	897
	.....1997..	X	2 734
32312201	Printing plates, prepared for printing .....2002..	X	2 249
	.....1997..	X	3 563
32221001	Paperboard containers, boxes, and corrugated paperboard .....2002..	X	1 319
	.....1997..	X	3 484
32223200	Envelopes, purchased .....2002..	X	29 295
	.....1997..	X	32 047
00970099	All other materials and components, parts, containers, and supplies.....2002..	X	57 085
	.....1997..	X	74 073
00971000	Materials, ingredients, containers, and supplies, nsk .....2002..	X	802 269
	.....1997..	X	838 047

Note 1: For some establishments, data have been estimated from central unit values that are based on quantity-value relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: p-10 to 19 percent estimated; q-20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by S.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.